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CREATIVE DiVi CAM 316

# User's Guide

## Creative DiVi Cam 316

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# Important Information

Please read through this user's guide carefully before using Creative DiVi Cam 316. Follow all precautions to avoid damage or harm caused by improper operation.

## Safety Precautions

- ❑ **Your camera is a precision electronic device. Do not attempt to service your camera yourself. Taking your camera apart may expose you to dangerous voltage or other hazards.**
- ❑ **Avoid contact with liquid from the Liquid Crystal Display (LCD).**
- ❑ **Do not leave your camera under direct sunlight for extended periods of time.**
  - If the liquid gets on your skin, wipe the liquid off with a clean cloth, and wash the affected area with water.
  - If the liquid gets into your eye, flush the liquid off with lots of fresh water immediately. Consult a doctor for follow-up treatment.
  - If the liquid is swallowed, rinse your mouth with water. Drink a few cups of water to dilute the toxin and seek treatment immediately.

## Before Using Your Camera

- ❑ **Test out your camera before using it for important events.**
- ❑ **Observe copyright law.**
  - Where applicable, permission should be obtained before images or videos are recorded with this camera.
  - Observe "No Photography" or "No Recordings" restrictions where appropriate.
  - Transfer of images, recordings or MP3s to or from your camera's memory card must be made under the constraints of copyright law.

## Operational Precautions

This product consists of intricate electronic parts. To conserve the life of your product, do not drop or subject your camera to impact when taking pictures.

- **Avoid using or storing your camera in the following places:**
  - Damp and dusty places
  - Sealed vehicles or places subject to extremely high temperatures or direct heat
  - Violently turbulent environments
  - Areas full of smoke, oil fumes or steam
  - Areas subject to a strong magnetic field
  - Rainy or snowy environments
- **Do not open the battery cover when the power is on.**
- **If water has entered your camera, turn the power off immediately, and remove the batteries.**
- **Maintain your digital video camera:**
  - Use a lens brush or soft cloth to wipe the surface clean.
  - Do not use any solid object to hit your camera.
  - Avoid scratching the lens or LCD surface.
  - Do not use any detergent or volatile solutions to clean your camera. Use a slightly damp, soft cloth only.

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# 1 Introduction

Creative DiVi Cam 316 is a high-quality digital video camera that enables you to create, edit, share and send photos to friends and family. With Creative Divi Cam 316, you can create short videos and voice recordings, as well as play MP3 songs. You can also use it as a webcam for communicating face-to-face with others on the Internet.

## Before You Begin

### Package Contents



Applications included on your Installation CD may vary depending on camera model and region of purchase.

Your Creative DiVi Cam 316 package contains the following items:

- ❑ Creative DiVi Cam 316
- ❑ Installation CD
- ❑ User's Guide
- ❑ 4 AAA batteries
- ❑ Wrist strap
- ❑ Lens cover strap
- ❑ Pouch
- ❑ Earphones
- ❑ Audio cable
- ❑ TV Out cable
- ❑ USB cable

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Before playing videos (*.AVI files), make sure that you have Microsoft DirectX® 8.0 or higher installed, along with a working audio device. See "Installing Presto! Applications (optional)" on

Creative DiVi Cam 316 comes with the following applications:

- **Presto! VideoWorks 6**
  This software enables you to create personal projects using photo, video and audio editing tools.
- **Presto! Mr. Photo**
  This software enables you to create, share and manage digital images and videos.

## Minimum System Requirements

- Intel® Pentium® 166 MHz or higher
- 64 MB RAM or higher
- 100 MB free hard disk space (for installation of all applications)
- Available USB 1.1 port
- Microsoft® Windows® XP, Windows 2000, Windows Millennium Edition (ME) or Windows 98 Second Edition (SE)
- 4X CD-ROM drive installed (or better)

**For Videoconferencing**

- Modem or LAN access to the Internet at 56 Kbps or faster

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# 2 About Your Camera

## About Creative DiVi Cam 316

This section highlights the features of Creative DiVi Cam 316.




*Figure 2-1: Creative DiVi Cam 316 top view*

| | |
|---|---|
| 1 | **Speaker** |
| 2 | **Microphone** |

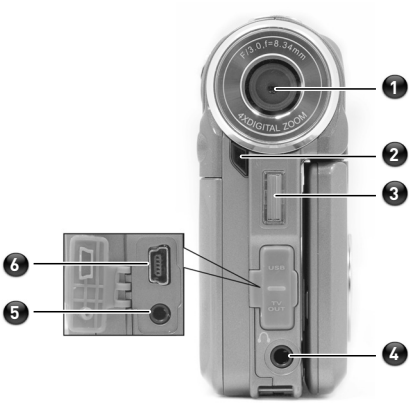



*Figure 2-2: Creative DiVi Cam 316 front view*

| | |
|---|---|
| 1 | **Lens** |
| 2 | **Self-timer LED** |
| 3 | **Flash** |
| 4 | **Headphone Jack**<br>Connect your headphones or earphones to this jack. |
| 5 | **TV Out Port**<br>Connect one end of the supplied TV Out cable to this port, and the other end to your TV Out port. |
| 6 | **USB Port**<br>To transfer files to your computer, connect one end of the supplied USB cable to this port, and the other end to your computer's USB port. |

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*Figure 2-3: Creative DiVi Cam 316 back view*

| | |
|---|---|
| 1 | **Multi-select button**<br>This button comprises four buttons: **Up** ▲, **Down** ▼, **Left** ◀, and **Right** ▶. |
| 2 | **Shutter/Record button**<br>Press this button to take pictures in Camera mode, to start and stop recording videos in Video mode, or to start and stop recording audio in Recording mode. |
| 3 | **LED**<br>The LED lights up in green when you turn your camera on, and lights up in red when your camera is busy. |
| 4 | **Menu button**<br>Press the Menu button in all modes to access the function menu for each mode. The menus are shown on the LCD. |
| 5 | **Scroller**<br>Use this control to scroll-select menu options.<br>To scroll-select menu options, move the Scroller upwards or downwards to browse through options, and then select the option by pressing the Scroller. |

| | |
|---|---|
| 6 | **Playback button**<br>Press this button to view your images, videos, recordings and MP3 songs. |
| 7 | **Power switch**<br>To turn your camera on or off, slide the switch downwards for one second and then release. |
| 8 | **Memory Card slot cover** |
| 9 | **Display/Help button**<br>Press the **Display/Help** button to cycle through the following screens:<br>• Preview (with icon display)<br>• Preview (without icon display)<br>• Help<br>In the **MP3**, **Recording** or **Setup** modes, press the **Display/Help** button to switch between the normal preview screen and the help screen. |
| 10 | **Liquid Crystal Display (LCD)** |

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*Figure 2-4: Creative DiVi Cam 316 right side view*

| | |
|---|---|
| 1 | **Macro switch**<br>Slide this switch to select Normal or Macro mode. The Macro icon appears on the LCD when you select Macro mode. |
| 2 | **Battery Cover** |
| 3 | **Mode dial**<br>Select a mode by rotating the dial and aligning the icon to the Mode marker MODE :<br>• Video<br>• Camera<br>• MP3 MP3<br>• Recording<br>• Setup SET |

## Camera mode

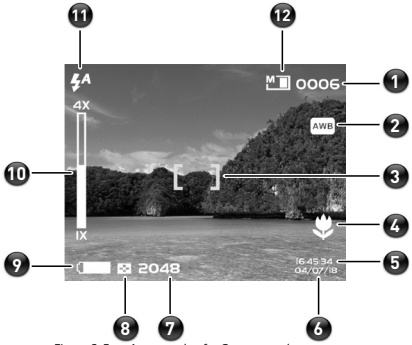



*Figure 2-5: An example of a Camera mode screen*

| | |
|---|---|
| 1 | **Photo Counter** |
| 2 | **White Balance** |
| 3 | **AE-Lock**<br>To activate the AE-Lock, press the Shutter/Record ⊙ button halfway. A pair of brackets appear on the LCD. |
| 4 | **Macro** |
| 5 | **Time** |
| 6 | **Date** |
| 7 | **Size** |
| 8 | **Quality** |
| 9 | **Battery Level** |
| 10 | **Zoom Level** |
| 11 | **Flash**<br>To enable auto-flash, press the Right ▶ button. Press it again to disable the flash. |
| 12 | **Memory Status** |

### Video mode

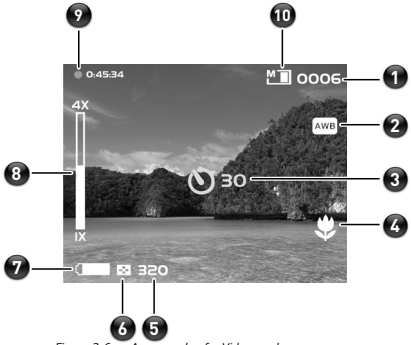



*Figure 2-6: An example of a Video mode screen*

| | |
|---|---|
| 1 | **Video Counter** |
| 2 | **White Balance** |
| 3 | **Self-Timer/Delay** |
| 4 | **Macro** |
| 5 | **Size** |
| 6 | **Quality** |
| 7 | **Battery Level** |
| 8 | **Zoom Level** |
| 9 | **Remaining Available Recording Time** |
| 10 | **Memory Status** |

## Inserting an SD Memory Card

- Your camera's 32MB internal memory is disabled when you insert an SD memory card.
- Do not remove the card while your camera is turned on.

Lift the Memory Card slot cover up and insert an SD memory card as shown.
To remove the memory card, turn off your camera and then gently push the card. The card pops out.

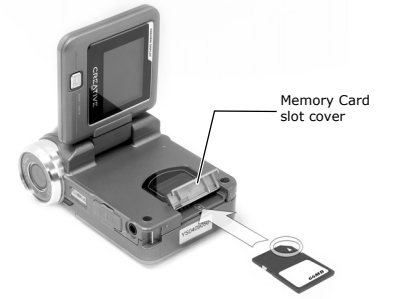



*Figure 2-7: Inserting an SD memory card*

## Inserting batteries

- Be sure to insert the batteries according to the polarities indicated. If not, the batteries may leak and damage your camera.
- Do not mix old and new batteries together.

1. Slide the battery compartment cover open as shown below.




*Figure 2-8: Sliding open the battery compartment*

2. Insert four AAA batteries into the compartment.
3. Slide the battery compartment cover back in to close it.

## Turning on your camera

- To conserve battery power, your camera turns the LCD off if no operation is made within 30 seconds. See "Configuring Your Camera" on page 4-9 to enable **Auto power off**.

1. Slide the Power switch down for one second and then release.
   The LED lights up in red and the LCD is activated.
   The LED turns green.




*Figure 2-9: Turning on your camera*

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# 3 Setting Up Your Camera

This chapter tells you how to quickly install Creative DiVi Cam 316, as both a Webcam and a Mass Storage device.
Follow the installation procedures for your operating system.

## Installing the Camera Driver

1. Do not connect your camera to your computer before installing the drivers.
   If you accidentally begin installation with your camera connected, the **Add New Hardware Wizard** or **Found New Hardware Wizard** dialog box may appear.
   If you are using Windows 98 SE, click the **Cancel** button. For other operating systems, follow the instructions on the screen and disconnect your camera from your computer.
2. Insert the installation CD into your CD-ROM or CD-ROM/DVD-ROM drive. Your CD should start automatically. If it does not, follow the steps below:
   i. Start Windows Explorer.
   ii. On the left pane, click the **My Computer** icon.
   iii. Right-click the CD-ROM/DVD-ROM drive icon, and then click **AutoPlay**.
3. In the Software Installer screen, click **Driver** → **Install**. The **Choose Setup Language** window appears.
4. Select the desired language, then click the **OK** button.
5. Click the **Next** button to continue. Follow the instructions on the screen to complete the installation.
6. Click the **Finish** button to complete the driver installation.

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7. Follow the instructions in "Installing your camera as a webcam" on page 3-2 or "Setting up your Camera as a Mass Storage Device" on page 3-3 to connect your camera to your computer.
   You do not have to restart your computer after installing the driver.

## Installing your camera as a webcam

After installing your driver, connect the supplied USB cable to the USB ports on your computer and your camera. The camera's LCD turns on and the PC Connection Menu is displayed.

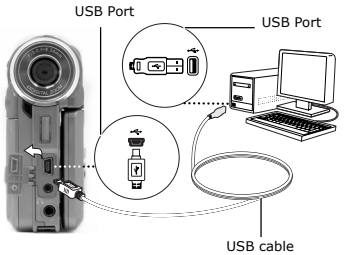



*Figure 3-1: Connecting your camera to your computer*

**In Windows XP or Windows 2000**

1. On your camera, scroll-select the **PC Camera** option.
2. When the **Found New Hardware Wizard** dialog box appears, select the **Install the software automatically (Recommended)** option, and click the **Next** button.
3. If a **Hardware Installation** dialog box appears, click the **Continue Anyway** button.
4. Click the **Finish** button and restart your computer if you are prompted to do so.

**In Windows Me or Windows 98 SE**

1. On your camera, scroll-select the **PC Camera** option.
2. On your Windows desktop, right-click **My Computer**.

3. Click **Device Manager**.
4. Right-click the **GENERIC IDE DISK TYPE 47** entry and select the **Properties** option. The dialog box similar to Figure 3-2 appears.

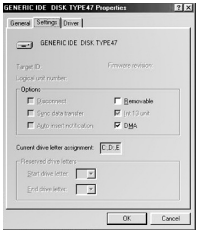



*Figure 3-2: GENERIC IDE DISK TYPE 47 Properties box*

5. Select the **DMA** checkbox.
6. Click the **OK** button.

You can begin using the camera as a webcam once you start your preferred messenger service. Your camera works with Yahoo!® Messenger, AIM, MSN® Messenger, Windows® Messenger and other instant messenger services.

## Setting up your Camera as a Mass Storage Device

You can also use your camera as a mass storage device.

1. Connect the USB port of your camera to the USB port of your computer with a USB cable, as shown in Figure 3-1. The camera's LCD Panel turns on and the PC Connection Menu is displayed.
2. On your camera, scroll-select the **Mass Storage** option.

## Installing Presto! Applications (optional)

Follow the instructions to install both Presto! VideoWorks 6 and Presto! Mr. Photo.

1. Insert the installation CD into your CD-ROM or CD-ROM/DVD-ROM drive. Your CD should start automatically. If it does not, follow the steps below:
   i. Start Windows Explorer.
   ii. On the left pane, click the **My Computer** icon.
   iii. Right-click the CD-ROM/DVD-ROM drive icon, and then click **AutoPlay**.
2. In the Software Installer screen, click **New Soft Video Works →Install** to install Presto! VideoWorks 6 and click **New Soft Mr. Photo →Install** to install Presto! Mr. Photo. The **Choose Setup Language** window appears.
3. Select the language you want, and then click the **OK** button.
4. Follow the instructions on the screen to complete the installation.
5. Click the **Finish** button to complete the software installation. When prompted, re-start your computer after installing both software.

## Disconnecting your Camera safely

**In Windows XP, Window 2000 and Windows Me**

1. Click the **Safely Remove Hardware** icon on the Taskbar.
2. Click **Safely remove USB Mass Storage Device** and disconnect your camera when prompted.

**In Windows 98 SE**

1. In Windows Explorer, right-click the **Removable Disk** icon and click the **Eject** option.
2. Disconnect your camera when you are prompted to do so.

## Connecting Your Camera to a TV/VCR

You can connect your Creative DiVi Cam 316 to a television if you want to have a larger view of your photos or videos.

1. Connect the TV Out cable to the TV Out port and the television as shown in Figure 3-3.
2. Connect the Audio Out cable to the Audio Out port and the television as shown below.

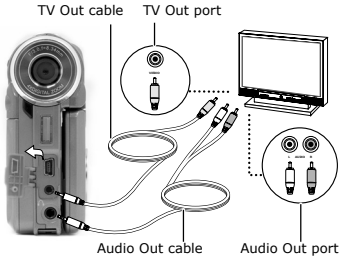



*Figure 3-3: Connecting your camera to your TV*

3. On your television, select the channel for auxiliary Audio/Video input.

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# 4 Using Creative DiVi Cam 316

This guide shows you how to use Creative DiVi Cam 316 to take photos, record videos and voices, and play MP3 songs.

## Selecting a mode

To start using your camera, you have to first select the mode that you want. Select a mode by rotating the dial and aligning the icon to the Mode marker:

- ❑ **Camera**
- ❑ **Video**
- ❑ **MP3** MP3
- ❑ **Recording**
- ❑ **Setup** SET

## Turning on your Camera

Slide the Power switch down for one second and release.

## Using your Camera

### Taking a Photo

- To take close-up pictures, move the Normal / Macro switch upwards to select Macro mode .
- Press the right ► button to enable or disable the auto-flash.

1. Make sure your camera is not connected to your computer.
2. Rotate the mode dial to Camera mode and turn on your camera.
   For standard pictures, make sure that the Normal/ Macro mode switch is moved toward the Normal icon.
3. Use the LCD to compose your picture and press the Shutter/Record button halfway to lock the exposure level. A red box [ ] appears in the center of the LCD.
4. Press the Shutter/Record button all the way down for one second and then release. Hold the camera still while you take the photo.
   Your camera beeps when you take a picture.

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**Previewing a Photo**

1. In Camera mode, press the Playback button.
2. Use the Scroller to go to the previous or next photo.
3. To zoom in on a photo, press the Scroller. Move the Scroller up or down to zoom in or out of a photo.
   When zoomed in, use the Up ▲, Down ▼, Left ◄ or Right ► buttons to see the other parts of the photo.
4. Press the Playback button again to exit from Playback mode.

Viewing all Photos as a Slideshow

1. In Camera mode, press the Playback button.
2. Press the Menu button, and scroll-select **Autoplay**.
   A slideshow of all photos stored in your camera or the memory card starts up.

Trimming a Photo

1. In Camera mode, press the Playback button.
2. Follow the instructions for "Previewing a Photo" to zoom in on a photo.
3. Use the Up ▲, Down ▼, Left ◄ or Right ► buttons to frame your photo.
4. Press the Shutter/Record button. A list of image resolutions appears.
5. Scroll-select a resolution. The resolution has to be smaller than the original photo.
   Your newly trimmed photo is saved as a new photo.

## Using your Camera as a Video Camera

### Recording a Video

1. Make sure that your camera is not connected to your computer.
2. Rotate the mode dial to Video mode and turn on your camera.
3. Compose your picture and press the Shutter/Record button to start recording your video. The elapsed time, in seconds, is shown at the upper right corner of the LCD.
   While recording, move the scroller up or down to zoom in or out. You can also use the Multi-select button to adjust the exposure level.
4. To pause recording, press the Right ▶ button. Press the button again to continue recording.
5. To stop recording, press the Shutter/Record button.

### Replaying a Recording

1. In Video mode, press the Playback button.
2. Scroll-select a video. Video playback starts.
   To adjust the volume, press the Up ▲ or Down ▼ buttons.
3. To pause playback, press the Right ▶ button.
   To resume playback, press the button again.
4. To stop playback, press the Scroller.

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## Configuring Camera Images

You can adjust resolution, quality and white balance settings before you take a photo or record a video.

Rotate the Mode dial to Camera or Video mode. Press the Menu button to view options for image settings.

### Selecting Image Settings

- You can select either 640x480 or 320x240 as the default video capture resolution.
- You can select one of the following as the default image resolution: 2976x2232, 2048x1536, 1600x1200 or 640x480.

**Selecting size**

1. Scroll-select **Size**.
2. Scroll-select the default resolution.

**Selecting white balance**

1. Scroll-select **White balance**.
2. Scroll-select a white balance setting: **Auto, Sunny, Tungsten, Fluorescent** or **Cloudy**.

**Selecting image quality**

1. Scroll-select **Quality**.
2. Scroll-select the default quality: **Fine, Normal** or **Basic.**

**Note**: The storage capability of your camera depends on both the size and the quality of your images. See "Technical Specifications" for more information.

### Selecting and Adding Special Effects

For photos, the default view is "Normal".

You can add special effects to photos and recordings. Before taking a photo or recording a video, view the effects in the preview screen and then follow the instructions in "Taking a Photo" on page 4-1 and "Recording a Video" on page 4-3.

1. Rotate the Mode dial to Camera or Video mode.
2. Press the Scroller to view the list of special effects.
3. Scroll-select an effect that you want to use. The effect is applied immediately.
   You can choose **Normal**, **Sepia**, **B&W**, **Negative**, **Red**, **Pink**, **Purple**, **Blue**, **Green** or **Yellow**.

### Using the Self-timer

You can use the self-timer to take a photo or record a video.

1. Rotate the Mode dial to Camera or Video mode.
2. Press the Left ◄ button to activate the self-timer.
3. Scroll-select a self-timer interval.
4. Press the Shutter/Record button to start the self-timer. The camera takes a photo or starts recording when the counter reaches zero. To stop the timer, press the Scroller.

### Viewing Thumbnails

Select the photo or video you want to preview by searching your photo and video thumbnails.

- Your camera shows six video thumbnails on the LCD.
- Your camera shows eight photo thumbnails on the LCD.

1. Rotate the Mode dial to Camera or Video mode.
2. Press the Playback button.
3. Press the Left ◄ button. The LCD displays thumbnails for your photos or videos.
4. If you want to view a photo or a video in full screen, scroll-select its thumbnail.

## Using your Camera as an MP3 Player

### Playing MP3 Files



- Press the Up ▲ or Down ▼ buttons to skip to the previous or next track.
- Press the Left ◄ or Right ► buttons to skip backward or forward in a track.

1. Rotate the Mode dial to MP3 MP3 mode.
2. Scroll-select the MP3 file you want to play.
3. Press the Shutter/Record button to start playback. Press the button again to stop playback.
4. Press the Menu button to pause or resume playback.
5. Press the Scroller to view list of song titles again.

### Adjusting Volume, Bass, or Treble Levels

1. When playing an MP3 file, press the Scroller to cycle through the following options: volume (**Vol**), bass (**Bass**) or treble (**Treb**).
2. Press the Up ▲ and Down ▼ buttons to adjust the level.

### Transferring Songs into your Camera

1. Connect your camera to your computer using the USB cable. See "Setting up your Camera as a Mass Storage Device" on page 3-3.
2. On your desktop, right-click the **My Computer** icon, and then click **Explore**. The camera appears as a removable disk icon.
3. Double-click the **Removable Disk** icon. An **MP3** folder appears.
4. Transfer MP3 files into the folder using the drag-and-drop operation. Alternatively, you can copy and paste the files into the folder.
5. Disconnect your camera safely from the computer. To play MP3 songs, follow instructions in "Playing MP3 Files" on page 4-6.

## Using your Camera as a Recorder

### Making a Voice Recording

1. Rotate the Mode dial to Recording mode.
2. Press the Shutter/Record button to start recording.
   Press the button again to stop the recording.

### Playing a Recording

1. Press the Playback button.
2. Scroll-select the recording you want to play.
3. Press the Scroller to start playback.
   Press the Up ▲ and Down ▼ buttons to adjust the volume level.
4. Press the Scroller to stop playback.

- Press the Left ◄ or Right ► buttons to skip to the previous or next recording.
- Press the Up ▲ or Down ▼ buttons to skip backward or forward in a track.

### Selecting a Play mode for MP3 files or Recordings

1. Rotate the Mode dial to MP3 MP3 or Recording mode and play the MP3 file or voice recording.
2. When playing the MP3 file or voice recording, press the Playback button to cycle through the play modes:
   - Repeat one 1 — repeat playback of current track
   - Repeat all All — repeat playback of all tracks
   - Random Random — play all tracks in random order
   - Normal — play all tracks in sequence

### Deleting Files

All protected items cannot be deleted.

**To delete a photo, video, MP3 file or recording**

1. Rotate the Mode dial to the mode that you want, and press the Playback button.
2. Press the Menu button to view menu options.
3. To delete selected item, scroll-select **Delete One**.
4. Scroll-select the photo, video, MP3 file or recording to delete.

**To delete all photos, videos, MP3 files or recordings**

1. In Playback mode, press the Menu button.
2. To delete all photos, videos, MP3 files or recordings, scroll-select **Delete All**.
3. Scroll-select **OK** to confirm the action. Otherwise, scroll-select **Cancel**.

To exit the **Delete** menu, press the Menu button.

## Protecting Files



To unprotect the items, press the scroller again.

**To protect a photo, video, MP3 file or recording**

1. Rotate the Mode dial to the mode that you want, and press the Playback button.
2. Press the Menu button to view menu options.
3. Scroll-select **Protect** and then scroll-select **Protect One**.
4. Scroll-select the photo, video, MP3 file or recording to protect. The icon appears.

**To protect all photos, videos, MP3 files or recordings**

1. In Playback mode, press the Menu button.
2. Scroll-select **Protect** and then scroll-select **Protect All**.
3. Scroll-select **OK** to confirm the action. Otherwise, scroll-select **Cancel**.

To exit the **Protect** menu, press the Menu button.

## Configuring Your Camera

Rotate the mode dial to SET to configure the settings for your camera.

### Selecting Setting Options

In Setup SET mode, scroll-select an option:

- ❑ **Date/Time**
  - Set the date using the Left ◄ and Right ► buttons to move through the year, month, day, hour, minute and second options.
  - Use the Scroller ⇕ to enter the date and time. Press the Scroller ⇕ to exit.
- ❑ **Language**
  - Select the language you want your camera to display in: English English, Italian Italiano, French Français, Deutsch Deutsch, Spanish Español, Japanese 日本語, Simplified Chinese 中文简体 or Traditional Chinese 中文繁體.
- ❑ **Format**
  - Select **Ok** to re-format your memory card, otherwise select **Cancel**.
- ❑ **Memory**
  - This menu shows the total number of **Photo** files, **Video** files, **MP3** files and **Voice** files. You can also view the amount of **Free space** left in your SD Memory card.
- ❑ **Default**
  - Select **Ok** to reset your camera's settings to its original default settings, otherwise select **Cancel**.
- ❑ **Frequency**
  - Select frequency options: **60HZ** or **50HZ**.
- ❑ **Auto power off**
  - Select the duration you want your camera to shut down when there is no activity: **3 minute** or **5 minute**. Select **Off** to turn this function off.
- ❑ **Beep**
  - Select **On** to enable sound and **Off** to disable it.
- ❑ **TV**
  - Select TV output options: **NTSC** or **PAL**.

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# 5 Printing from Creative DiVi Cam 316

This chapter tells you how to quickly set up Creative DiVi Cam 316 so that you can order professional digital prints of your photos, or use Direct Print to print directly to a printer without using a computer.

## Setting up Digital Print Order Format (DPOF)

DPOF settings enable you to select the photos that you want to send for professional printing. You can also include the recorded date for each photo.

### Selecting individual photos

DPOF settings are disabled if you do not have a memory card in your camera.

1. In Camera mode, press the Playback button.
2. In the Playback mode, press the Menu button.
3. Scroll-select **DPOF**.
4. Scroll-select **Set one**.
5. Scroll-select the photo.
   Scroll-select the photo again to increase the number of copies, to a maximum of three.
6. Press the Menu button to save your selection.

### Selecting all photos

1. In the Playback mode, press the menu button.
2. Scroll-select **DPOF**.
3. Scroll-select **Set all**.
   Scroll-select **OK** to print one copy each.
   Scroll-select **Cancel** to reset the number of print copies.

### Selecting printing options

- ❑ photo to print
  - Press the Left ◀ or Right ▶ buttons to select a photo to print.
- ❑ copies to print
  - Press the Left ◀ or Right ▶ buttons to set the number of copies to print.

- ❑ paper size
  - Press the Left ◀ or Right ▶ buttons to select the paper size for printing.
- ❑ date stamp
  - Press the Left ◀ or Right ▶ buttons to enable or disable date printing.
- ❑ print
  - Press the Scroller ⇕ to start printing.

## Using Direct Print



Direct Print settings are disabled if your camera is not connected to a Direct Print compatible printer.

The Direct Print function enables you to print photos directly from your camera to a Direct Print compatible printer. You can print only selected photos, or all of them. You can also choose to print the recorded date on each photo.

**To print one photo or all photos directly to a printer**

1. In Camera mode, press the Playback button.
2. In the Playback mode, press the Menu button.
3. Scroll-select **Print**.
4. Your camera prompts you to connect to your photo printer using the USB cable.
5. When you have properly connected your printer, scroll-select **Print one** to print a photo or scroll-select **Print all** to print all photos.

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CREATIVE DiVi CAM 316

# A Technical Specifications

| | |
|---|---|
| Dimensions | 90 mm (W) x 70 mm (H) x 37 mm (D)<br>3.54 in (W) x 2.76 in (H) x 1.46 in (D) |
| Weight | Approx. 136g (without batteries) |
| Power | AAA size x 4 batteries (alkaline) |
| Sensor | 3.1 Megapixel CMOS sensor |
| Sensitivity | ISO 100 |
| Video Resolution | ❑ Webcam Mode:<br>Up to 30fps (320 x 240)<br>Up to 15fps (640 x 480)<br>❑ Video Capture DSC Mode:<br>320 x 240 resolution<br>640 x 480 resolution |
| Still Picture Resolution | ❑ 2976 x 2232 (Firmware Interpolation Technology)<br>❑ 2048 x 1536<br>❑ 1600 x 1200<br>❑ 640 x 480 |
| Lens | f=8.34mm |
| Focus range | ❑ Normal (120 cm to inifinity)<br>❑ Macro (15 cm to 20 cm) |
| Focus length | F / 3.0 |
| Shutter speed | 1/4 second to 1/2000 second |
| Shutter | Programmed electronic shutter |
| Self-timer | ❑ 5 seconds<br>❑ 10 seconds<br>❑ 30 seconds |

| | |
|---|---|
| File formats | ❑ still: JPEG<br>❑ video: MPEG<br>❑ audio: WAV |
| White balance | ❑ Automatic<br>❑ Sunny<br>❑ Tungsten<br>❑ Fluorescent<br>❑ Cloudy |
| Port compatibility | ❑ Universal Serial Bus port v1.1<br>❑ TV Out (NTSC/PAL selectable) |
| Storage Media | ❑ Built-in 32MB Flash Memory<br>❑ SD Memory Card Interface (supports 512MB) |
| Storage data capability | ❑ Motion:<br>320x240: 280s (Fine), 310s (Normal), 330s (Basic)<br>640x480: 160s (Fine), 630s (Normal), 280s (Basic)<br>❑ Sound:<br>Approx. 21 minutes<br>❑ Still:<br>640x480: 460 (Fine), 620 (Normal), 930 (Basic)<br>1600x1200: 95 (Fine), 180 (Normal), 230 (Basic)<br>2048x1536: 55 (Fine), 110 (Normal), 150 (Basic)<br>2976x2232: 30 (Fine), 60 (Normal), 80 (Basic) |
| Software compatibility | Yahoo! Messenger, AIM, MSN Messenger, Windows Messenger and other instant messenger services. |

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CREATIVE DiVi CAM 316

# B Frequently Asked Questions

This section covers questions you might have while using your player. For further assistance, you may wish to consult our self-help tool "Knowledge Base". Go to **www.creative.com**, select your region and then select **Support**.

- ❑ I was using the camera, but the camera controls suddenly don't work.
  - Try turning off your camera, then turning it back on.
  - You might have removed the memory card while your camera was still turned on. Remove the batteries, wait three seconds, and then put them back.
  - Check that the batteries are inserted properly.
  - Check for camera damage. If it is damaged, send it for repair.
- ❑ I have problems using my photo printer with the camera.
  - Error messages or prompts can be caused by printer malfunctions, or power supply problems. Check the connections to your camera, and printer. Turn your camera on and reconnect it to the printer.
- ❑ I can't seem to format my memory card.
  - You may have used a memory card that was formatted differently. Use Windows Explorer to format the memory card using the FAT file format. See your Windows online Help for details.

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# Notes